

Mannesmann VDO AG

Kruppstraße 105
60388 Frankfurt

4120

Abstract

**Method and system for transmitting data for a security
device of a motor vehicle**

The invention relates to a method for transmitting data for a security device, in particular for access authorization systems and/or driving authorization systems of a motor vehicle, in which data are transmitted over the air from a transmitter unit to a receiver unit.

In a method in which, despite contactless interrogation of the identification signal transmitter, an authorizing access information item cannot be obtained by a third party, the data are transmitted, after capacitive coupling of the transmitter unit and receiver unit, from the transmitter to the receiver using a signal which is generated by a capacitive alternating field.

(Figure 1)